**FORM PTO-1449** 

## U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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ATTY. DOCKET NO.	SERIAL NO.						
U 015524-5							
APPLICANT							
John Stanley CRAGGS, et al.							
FILING DATE	GROUP						
7/26/2003	2878						

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				7/	26/2003	ć	2878			
		U.S. P	ATENT DO	CUMENT	rs					
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE		NAME		FILING DATE IF APPROPRIATE			
MW	AA	5,345,248	09/1994		Hwang et al.					
MW	AB	5,041,842	08/1991		Blaese					
MW	AC	6,133,891	10/2000		Josypenko					
MW	AD	4,012,740	03/1977		Lenneper	-				
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MW	AF	5,754,146	05/19	98	Knowles et al.					
		FOREIGN	N PATENT I	OCUME	NTS					
		D0CUMENT NUMBER	DAT	'F	COUNTR	v	TRANSL	ATION		
					COUNTRY		YES	NO		
MW	AG	0 528 775	-	02/1993 EP			<del>-</del>			
MW	АН	1 507 836	04/19	78	GB		_	ļ		
	AI							ļ		
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MW	AL	Patent Abstracts of Japan of JP 08-078946 dated March 22, 1996								
MW	АМ	Patent Abstracts of Japan of JP 2001-094333 dated April 6, 2001								
MW	AN	Patent Abstracts of Japan of JP 05-251919 dated September 28, 1993								
MW	AO	Nakano, H., et al. "Extremely Low-Profile Helix Radiating a Circularly Polarized Wave"  IEEE Transactions on Antennas and Propagation (1991) Vol. 39, No. 6, pp 754-757								
MW	AP	Jordan, E. "Electromagnetic Waves and Radiating Systems: Principles of Broadband Antenna Design", Second Edition, <i>Prentice Hall International Editions</i> , pp 601-605								
MW	AQ	Evans, D.S., et al. "VHF-UHF Manual: Aerials" Third Edition, RSGB Publication, pp 7.21-7.22								
EXAMINER	/Micha	el Wimer/		DATE	CONSIDERED 06/26/2006					

not in conformance and not considered. Include copy of this form with next communication to applicant.